



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tsyrganovich Anatoliy V.  
Assignee: ZiLOG, Inc.  
Title: "Circuit and Method for Reducing East-West Geometry Mismatch  
Between the Top and Bottom of a Raster Display"  
Serial No.: 10/820,237 Filed: April 5, 2004  
Examiner: Angela M. Lie Group Art Unit: 2821  
Atty. Doc. No.: ZIL-519-1C

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COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY  
AND  
APPOINTMENT OF NEW ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

I, Perry J. Grace, Chief Financial Officer and Vice President of Finance of ZiLOG, Inc., the assignee of the entire right, title and interest in the above-referenced patent application, hereby revoke all previous powers of attorney in the above-identified patent application, and hereby appoint the practitioners with the

**customer number 47,713**

to transact all business in the United States Patent and Trademark Office connected with the above-identified patent application.

Please change the correspondence address and fee address for the above-identified patent application and direct all correspondence to the address associated with customer number 47,713, which is:

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. Name of conveying party(ies):

Anatolly V. TSYRGANOVICH

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: ZILOG, INC.  
532 Race Street  
San Jose, CA 95126  
U.S.A.

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: March 23, 2005

## Name and address of receiving party(ies):

Name:  
Street Address:  
City: State: Zip:  
Country:  
Additional name(s) & address(es) attached?  
☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) - 10/820,237

B. Patent No.(s)

Title: **Circuit and Method for Reducing  
East-West Geometry Mismatch Between the  
Top and Bottom of a Raster Display**

Additional numbers attached?

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Peter A. Gallagher  
Parsons Hsue & de Runtz LLP  
655 Montgomery Street, Suite 1800  
San Francisco, CA 94111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☐ A check is enclosed that includes the total fee.☒ Charge Deposit Account 502664 for the \$40 recordation fee; also charge any additional fees required for this conveyance and credit deposit account 502664 any amounts overpaid

DO NOT USE THIS SPACE

## 8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter A. Gallagher, Reg. No. 47,584

Name of Person Signing



Signature

June 6, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 2

CH \$40.00 502664 10320237

Attorney Docket No. ZILG.248US1  
ZILG.519C

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, **Anatoliy V. TSYRGANOVICH**, of San Jose, California, hereby sell, assign and transfer to **ZiLOG, INC.**, a Delaware corporation, having a place of business at 532 Race Street, San Jose, CA 95126 USA, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**CIRCUIT AND METHOD FOR REDUCING EAST-WEST GEOMETRY  
MISMATCH BETWEEN THE TOP AND BOTTOM OF A RASTER DISPLAY**

for which I have filed a United States patent application on April 5, 2004, which now has Serial No. 10/820,237, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23 day of 03, 2005.

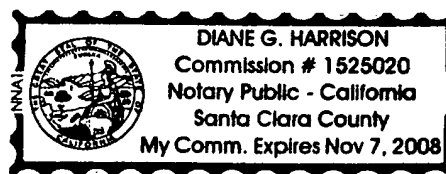


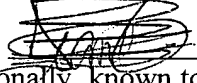
Anatoliy V. TSYRGANOVICH

State of California )

County of Santa Clara )

) ss



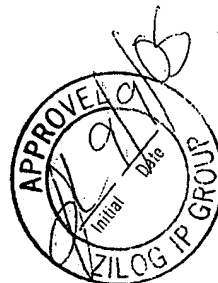
On 3-23-05 before me,  Anatoliy Tsyrganovich  
personally appeared Anatoliy V. Tsyrganovich, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


WITNESS my hand and official seal.

  
SIGNATURE OF NOTARY

Applicants: Anatoliy V. Tsyrzanovich  
Serial No.: 10/820,237  
Docket No.: ZIL-519-1C

Silicon Edge Law Group LLP  
Patent Attorneys  
6601 Koll Center Parkway  
Suite 245  
Pleasanton, California 94566-3132



Assignee's signature:  Date: 9/9/05  
Name: Perry J. Grace  
Title: Chief Financial Officer and Vice President of Finance  
Assignee: ZiLOG, Inc.

The enclosed 37 CFR 3.73(b) Statement states that ZiLOG, Inc., is the assignee of the entire right, title and interest in the above-identified patent application. Also, please change the attorney docket number for the above-identified application and use the following new attorney docket number on all correspondence:

**ZIL-519-1C**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

September 10, 2005,

Darien K. Wallace

 9/10/05  
Signature Date of Signature

Respectfully submitted,



Darien K. Wallace  
Attorney for Applicants  
Reg. No. 53,736  
Customer No. 47,713



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anatoliy V. Tsyrzanovich  
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Title: "Circuit and Method for Reducing East-West Geometry Mismatch Between the Top and Bottom of a Raster Display"  
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Mail Stop Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, CA 22313-1450

**37 CFR 3.73(b) STATEMENT**

The assignee, ZiLOG, Inc., a corporation of the State of Delaware, states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

1. A recorded assignment dated March 23, 2005, from the sole inventor (Anatoliy V. Tsyrzanovich) to ZiLOG, Inc., a copy of which is attached as Attachment A (4 pages). The assignment was recorded on June 6, 2005, at reel/frame 016306/0968.

The undersigned is authorized to act on behalf of the assignee by virtue of the power of attorney attached as Attachment B (1 page) and signs on behalf of the assignee this 10th day of September 2005.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By

*Darien K. Wallace*  
Darien K. Wallace

Date of Deposit: September 10, 2005

Respectfully submitted,

*Darien K. Wallace*

Darien K. Wallace  
Attorney for Applicant  
Reg. No. 53,736  
Customer No. 47,713

*Attachment A page 1*  
*3.2.3 Statement*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 26, 2005

PTAS

**\*700185500A\*****\*700185500A\***

PETER A. GALLAGHER  
PARSONS HSUE & DE RUNTZ LLP  
655 MONTGOMERY STREET, SUITE 1800  
SAN FRANCISCO, CA 94111

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/07/2005

REEL/FRAME: 016306/0968  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

TSYRGANOVICH, ANATOLIY V.

DOC DATE: 03/23/2005

## ASSIGNEE:

ZILOG, INC.  
532 RACE STREET  
SAN JOSE, CALIFORNIA 95126

SERIAL NUMBER: 10820237

FILING DATE: 04/05/2004

PATENT NUMBER:

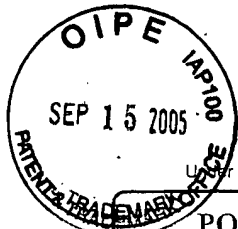
ISSUE DATE:

TITLE: CIRCUIT AND METHOD FOR REDUCING EAST-WEST GEOMETRY MISMATCH BETWEEN  
THE TOP AND BOTTOM OF A RASTER DISPLAY

*Attachment A page 2*  
*3.73 Statement*

016306/0968 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Attachment 8  
3.73 Statement

PTO/SB/80 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

47713

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

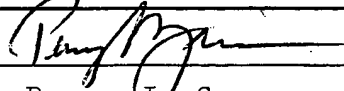
Assignee Name and Address:

ZiLOG, Inc.  
532 Race Street  
San Jose, California 95126

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11/9/04
Name	Perry J. Grace	Telephone	408 658 8500
Title	Chief Financial Officer and Vice President of Finance		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.